

| L Number | Hits | Search Text   | DB  | Time stamp       |
|----------|------|---|---|------------------|
| 1        | 0    | (autothermal near reactor) and (partial near (oxygen or oxidat\$) near catalyst) and (steam near methane near (reform or reforming) near catalyst) and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas)) | USOCR                                       | 2004/01/05 11:22 |
| 2        | 0    | (reactor) and (partial near (oxygen or oxidat\$) near catalyst) and (steam near methane near (reform or reforming) near catalyst) and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas))                  | USOCR                                       | 2004/01/05 11:23 |
| 3        | 0    | (reactor) and ((oxygen or oxidat\$) near catalyst) and (steam near methane near (reform or reforming) near catalyst) and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas))                               | USOCR                                       | 2004/01/05 11:23 |
| 4        | 0    | (reactor) and ((oxygen or oxidat\$) near catalyst) and (methane near (reform or reforming) near catalyst) and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas))  | USOCR                                       | 2004/01/05 11:24 |
| 5        | 0    | (reactor) and ((oxygen or oxidat\$) near catalyst) and (methane near catalyst) and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas))   | USOCR                                       | 2004/01/05 11:24 |
| 6        | 10   | (reactor) and (oxygen or oxidat\$) and (methane) and catalyst and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas))  | USOCR                                       | 2004/01/05 11:25 |
| 7        | 2    | (autothermal near reactor) and (partial near (oxygen or oxidat\$) near catalyst) and (steam near methane near (reform or reforming) near catalyst) and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/01/05 11:23 |
| 8        | 2    | (reactor) and (partial near (oxygen or oxidat\$) near catalyst) and (steam near methane near (reform or reforming) near catalyst) and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas))                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/01/05 11:23 |
| 9        | 2    | (reactor) and ((oxygen or oxidat\$) near catalyst) and (steam near methane near (reform or reforming) near catalyst) and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas))                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/01/05 11:23 |
| 10       | 2    | (reactor) and ((oxygen or oxidat\$) near catalyst) and (methane near (reform or reforming) near catalyst) and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/01/05 11:24 |
| 11       | 1    | (reactor) and ((oxygen or oxidat\$) near catalyst) and (methane near catalyst) and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/01/05 11:24 |
| 12       | 40   | (reactor) and (oxygen or oxidat\$) and (methane) and catalyst and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/01/05 11:25 |
| 13       | 37   | ((reactor) and (oxygen or oxidat\$) and (methane) and catalyst and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas))) and hydrogen   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/01/05 11:25 |
| 14       | 20   | ((reactor) and (oxygen or oxidat\$) and (methane) and catalyst and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas))) and hydrogen) and @ay<1999   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/01/05 11:25 |

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|----|----|--|---|------------------|
| 15 | 22 | (((reactor) and (oxygen or oxidat\$) and (methane) and catalyst and ((pulse or pulsing or pulsate or pulsating) near (flow or gases or gas))) and hydrogen) and @ay<2000 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/01/05 11:26 |
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